

SHTEKNOV, M.M., kand.tekhn.nauk

Design of grooves for angle bars. Stal' 20 no.6:535-536 Je '60.
(MIRA 14:2)

1. Magnitogorskiy metallurgicheskiy kombinat.
(Rolls (Iron mills))

SIRAZITDINOV, N.I., inzh.; Prinimali uchastiye: SHTERNOV, M.M., kand.tekhn.
nauk; FURMAN, Ya.B., inzh.

Mastering the production of lightweight sections at the Magnitogorsk
Metallurgical Plant. Stal' 20 no. 7:624-628 J1 '60. (MIRA 14:5)

1. Magnitogorskiy metallurgicheskiy kombinat (for Sirazitdinov).
2. Starshiy kalibrovshchik Magnitogorskogo metallurgicheskogo
kombinata (for Shternov).
(Magnitogorsk--Rolling (Metalwork)) (Girders)

S/133/007
A054/A029

18.5100
AUTHORS: Kozhevnikov, V.P. Shternov, M.M.
TITLE: About Rolling With Over-Reduction
PERIODICAL: Stal', 1960, ²⁰No. 9, pp. 827-828

TEXT: In recent years many experiments have been carried out to utilize the "reserve" frictional forces in the rolling process in order to increase the rate of reduction. Several suggestions have been made to employ the optimum relation between the forces pushing and pulling the strip after the bite, for instance, to use tapered strips, special devices for the forced pushing of the strip, to press the rolls after the strip has been pushed in with a special mechanism, etc. According to experience in the Magnitogorskiy metallurgicheskiy kombinat (Magnitogorsk Metallurgical Combine), these methods have certain drawbacks. In the first place, the increase in reduction did not always increase the output of the continuous, semi-continuous and cross country mills. When rolling with reductions which are near the limit of the bite conditions, certain difficulties arise. For instance, the bite becomes unreliable, thus slowing down the process speed, slippage also increases the time of the rolling process, breakdowns of the machine become more frequent, etc. Evidently, rolling with reductions be-

Card 1/3

85830;
S/133/60/000/009/008/015
A054/AC29

About Rolling With Over-Reduction

beyond a certain limit will even aggravate these phenomena. The reserve of frictional forces in shaping mills appears to be slightly lower than in theory. Soft steel strips are nipped fairly easily at $\alpha = 19-22^\circ$, but soon after the grip they tug and skid interfering with the rhythm of the operation. The increase in the rate of reduction is suggested mainly for blooming mills by several research workers. However, for this kind of mills the limits set for the bite do not correspond to the normal operation of the electric motor. The best way of increasing the output of shaping mills, as found in the Magnitogorsk Metallurgical Combine, is the differentiation of the dimensions of products, by which the reductions could be considerably decreased on shaping mills. However, according to the author the output of the mills can be raised more efficiently by working with 10 or even with 12 stands operating in the conventional manner than by using 8 stands and apply grooves or other measures to increase the rate of reduction. In some cases it is justified to increase reduction, for instance, on old-type shape mills with three-roller roughing stands. On these mills an increased rate of reduction resulting in a smaller number of passes, to some extent increases productivity. Also on some types of continuous mills good results can be obtained

Card 2/3

SHTERNOV, Mikhail Mikhaylovich; KOCHETOV, I.M., retsenzent; SKRYABIN, N.P.,
red.; SKOROBOGACHEVA, A.P., red. izd-va; TURKINA, Ye.D., tekhn. red.

[Roll-groove design for rolling angle steel] Kalibrovka uglovoi sta-
li. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvet-
noi metallurgii, 1961. 54 p. (MIRA 14:8)
(Rolling (Metalwork))

SHTERNOV, Mikhail Mikhaylovich; KOCHETOV, I.M., retsenzent; CHAPAYKINA, F.K.,
red. izd-va; TURKINA, Ye.D., tekhn. red.

[Calculation of technological parameters in hot rolling] Raschet
tekhnologicheskikh parametrov goriachei prokatki. Sverdlovsk, Gos.
nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Sverdlovskoe otd-nie, 1961. 59 p. (MIRA 14:10)
(Rolling (Metalwork))

SHTERNOV, M.M.; LITOVCHENKO, N.V.

Fuller grooves on a strip rolling mill. Metallurg 6 no.2:25 F
'61. (MIRA 14:1)

1. Magnitogorodskiy metallurgicheskiy kombinat i gorno-metallurgicheskiy
institut.

• (Rolling mills)

SHTERNOV, M. M.

(40)

PHASE I BOOK EXPLOITATION

SOV/6044

Rokotyan, Ye. S., Doctor of Technical Sciences, Ed.

Prokatnoye proizvodstvo; spravochnik (Rolling Industry; Handbook)
v. 2. Moscow, Metallurgizdat, 1962. 685 p. 8500 copies
printed.

Authors: P. A. Aleksandrov, Doctor of Technical Sciences;
V. P. Anisiforov, Candidate of Technical Sciences; V. I. Bayrakov,
Candidate of Technical Sciences; M. V. Barbarich, Candidate
of Technical Sciences; B. P. Bakhtinov, Candidate of Technical
Sciences [deceased]; B. A. Bryukhanenko, Candidate of Economic
Sciences; M. V. Vasil'chikov, Candidate of Technical Sciences;
A. I. Vitkin, Doctor of Technical Sciences; S. P. Granovskiy,
Candidate of Technical Sciences; P. I. Grudev, Candidate of
Technical Sciences; I. V. Gunin, Engineer; M. Ya. Dzugutov,
Candidate of Technical Sciences; V. G. Drozd, Candidate of
Technical Sciences; N. P. Yermolayev, Engineer; G. M. Katsnel'son,
Candidate of Technical Sciences; M. V. Kovynev, Engineer;
M. Ye. Kugayenko, Engineer; M. V. Litovchenko, Candidate of
Technical Sciences; Yu. M. Matveyev, Candidate of Technical
Card 1/14

40

Rolling Industry; Handbook

SOV/6044

Sciences; V. I. Melashko, Candidate of Technical Sciences; N. V. Melchov, Engineer; A. K. Ninburg, Candidate of Technical Sciences; V. D. Nosov, Engineer; B. I. Panchenko, Engineer; O. A. Plyatskovskiy, Candidate of Technical Sciences; I. S. Pobedin, Candidate of Technical Sciences; I. A. Priymak, Professor, Doctor of Technical Sciences [deceased]; A. A. Protasov, Engineer; M. M. Saf'yan, Candidate of Technical Sciences; N. M. Fedosov, Professor; S. N. Filipov, Engineer [deceased]; I. N. Filippov, Candidate of Technical Sciences; I. A. Fomichev, Doctor of Technical Sciences; M. Yu. Shifrin, Candidate of Technical Sciences; E. R. Shor, Candidate of Technical Sciences; M. M. Shternov, Candidate of Technical Sciences; M. V. Shuralev, Engineer; I. A. Yukhvets, Candidate of Technical Sciences; Eds. of Publishing House: V. M. Gorobinchenko, R. M. Golubchik, and V. A. Rymov; Tech. Ed.: L. V. Dobuzhinskaya.

PURPOSE: This handbook is intended for engineering personnel of metallurgical and machine-building plants, scientific research
Card 2/14

Rolling Industry; Handbook

SOV/6044

institutes, and planning and design organizations. It may also be used by students at schools of higher education.

COVERACE: Volume 2 of the handbook reviews problems connected with the preparation of metal for rolling, the quality and quality control of rolled products, and designs of roll passes in merchant mills. The following topics are discussed: processes of manufacturing semifinished and finished rolled products (the rolling of blooms, billets, shapes, beams, rails, strips, wire, plates, sheets, and the drawing of steel wire), hot-dipped tin plates, lacquered plates, floor plates, tubes made by different methods, and special types of rolled products. Problems of the organization of rolling operations are reviewed, and types of rolled products manufactured in the USSR are shown. No personalities are mentioned. There are no references.

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Rolling Industry; Handbook	SOV/6044
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Card 4/14

BOYARSHINOV, M.I., prof.; KURDYUMOVA, V.A., dotsent; KUPRIN, M.M., dotsent;
SHTERNOV, M.M., kand.tekhn.nauk; SHULAYEV, I.P., inzh.;
ROKOTYAN, Ye.S., prof., doktor tekhn.nauk

"Rolling mill practice" by P.I. Polukhin and others. Stal'
22 no.7:633-635 J1 '62. (MIRA 15:7)

1. Magnitogorskiy gorno-metallurgicheskiy institut i
Magnitogorskiy metallurgicheskiy kombinat (for Boyarshinov, Kurdyumova,
Kuprin, Shternov, Shulayev). 2. Vsesoyuznyy nauchno-issledovatel'skiy.
i proyektno-konstruktorskiy institut metallurgicheskogo
mashinostroyeniya (for Rokotyan).
(Rolling (Metalwork))
(Polukhin, P.I.)

L 44005-66 EWT(m)/EWP(t)/T/ETI/EWP(k) IJP(c) JD/HW
 ACC NR: AP6029871 SOURCE CODE: UR/0413/66/000/015/0022/0022

INVENTOR: Voronov, F. D.; Filatov, A. D.; Gun, S. B.; Selivanov, N. M.; Nosov, V. D.; Savel'yev, G. V.; Goncharov, F. I.; Plotnikov, P. I.; Roshkov, S. A.; Kustobayev, G. G.; Polushkin, V. P.; Arkhipov, V. M.; Uziyenko, A. M.; Kolov, M. I.; Kozhevnikov, V. P.; Shapiro, B. S.; Kalugin, V. F.; Grudev, P. I.; Aksenov, B. N.; Khomyachkov, A. P.; Rudakov, Ye. A.; Kuzema, I. D.; Gomzhin, V. V.; Poydyshev, B. N.; Shternov, M. M.

ORG: none

TITLE: Method of making high-strength steel plates by pack rolling. Class 7, No. 184232

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 22

TOPIC TAGS: high strength steel, high strength steel plate, high strength steel sheet, steel plate rolling, steel sheet rolling

ABSTRACT: This Author Certificate introduces a method of pack rolling high-strength steel plates and sheets up to 10 mm thick and up to 3500 mm wide in a carbon steel envelope. The method includes cleaning, coating, making of the pack, heating, rolling and subsequent heat treatment. To ensure an accurate thickness of the plates

UDC: 621.771.23

Card 1/2

L 44005-66

ACC NR: AP6029871

or sheets regardless of their location in the pack, the thickness of the envelope must be at least 0.6 of the total initial thickness of the high-strength plates of the pack.

[ND]

SUB CODE: 13/ SUBM DATE: 18Jun64/ ATD PRESS: 5070

Card 2/2 blg

SHUSTER, Ya. [Susters, J.]; CHARNAYA, R.; ROZENBERG, D.; SOLOMONOV, S.;
SHTERNS, Z. [Sterns, Z.]

Pharmacological data on the analeptic, bemegride. Vestis Letv ak no.8:
105-110 '61.

SHTERNSHIS, S.Z., mayor med. sluzhby

Clinical characteristics of the course of croupous pneumonia under
high mountain conditions. Voen. med. zhur. no.2:82-85 F '57 (MIRA 12:7)

(PNEUMONIA, LOBAR,
in mountains (Rus))

(ALTITUDE, effects,
on lobar pneumonia in mountains (Rus))

EXCERPTA MEDICA Sec 18 Vol. 2/8 Cardio Aug 58

2403. *Lesions of the coronary blood circulation in acute leukaemia (Russian text)*
SHTERNSHIS S. Z. *Klin. med. (Mosk.)* 1957, 35/7 (133—135)

On the basis of 2 clinical cases of acute leukaemia accompanied by severe coronary manifestations, it is suggested that these were not due to specific lesions. Post-mortem examination revealed in one of the cases previous coronary sclerosis and in the other pathological phenomena due to the primary process, such as anaemia and haemorrhages in the myocardium.

Levin - Buenos Aires (XVIII, 5, 6)

SHTERNISH, S.Z.

Problem of systemic vasculitis. Terap. arkh. 32 no. 2:38-41 F '60.
(MIRA 14:1)

(BLOOD VESSELS--DISEASES)

LEBEDEV, F.M., SHTERNSHIS, Yu.S.

Determination of pulse wave speed in certain diseases. Klin.
med. 36 no.8:111-115 Ag '58 (MIRA 11:9)

1. Iz kafedry terapii dlia usovershenstvovaniya vrachey (nach.
prof. P.I. Shilov) Voenno-meditsinskoy ordena Lenina akademii
imeni S.M. Kirova.

(PULSE,

pulse, wave speed determ. in hypertension & artorioscle-
rosis (Rus))

(HYPERTENSION, physiol.

pulse wave speed determ. (Rus))

(ARTERIOSCLEROSIS, physiol.

same (Rus))

VLASOV, V.V., kand, med. nauk (Novosibirsk); BROKHES, L.I. (Novosibirsk);
SHTERNSHIS, Yu.S. (Novosibirsk)

Effective anticoagulant treatment in thromboembolism of the pulmonary
artery. Khirurgiia 40 no.11:121-122 N '65. (MIRA 18:7)

SHTERNSTREYN, Yakov Mironovich; IORDATYI, N., red.; MOLCHANOVA, T.,
tekhn.red.

[Seaports of the Ukraine] Morskie vorota Ukrainy. Odessa.
Odesskoe obl.izd-vo, 1958. 243 p. (MIRA 13:1)
(Ukraine--Harbors)

VOL'SKIY, S., dotsent, kand. istoricheskikh nauk; SHTERNSHTEYN, Ya., dotsent,
kand. istoricheskikh nauk

Merchant seamen of the Black Sea in the Great Patriotic War. Mor.
flot 25 no.523-5 My '65. (MIRA 18:5)

GLEYZER, G.I.; PARNO, I.K., SHTERNTAL', A.F.; KIKU, G.S.; POLONSKIY, S.A.,
tekhnicheskii redaktor.

[Russian-Moldavian dictionary of mathematical terms for Moldavian
secondary and advanced schools] Russko-moldavskii terminologicheskii
slovar' po matematike; dlia moldavskikh srednikh i vysshikh uchebnykh
zavedenii. Kishinev, Gos. uchebno-pedagog. izd-vo Moldavskoi SSR
"Shkola Sovetike", 1955. 76 p. (MLRA 9:6)
(Russian language--Dictionaries--Moldavian)(Mathematics--Dictionaries)

SHTERNSHIS, S.Z. (Leninakan)

Disorders of coronary circulation in acute leukosis. Klin.med.
35 no.7:133-135 J1 '57. (MIRA 10:11)

(LEUKEMIA, complications,
coronary dis. (Rus))

(CORONARY DISEASE, etiology and pathogenesis,
leukemia (Rus))

ARSEN'YEV, N.S., mayor meditsinskoy sluzhby; SHTERNSHIS, Yu.S., mayor
meditsinskoy sluzhby

Combined therapy with sancaphen and oxygen in ascariasis.
Voен.med.zhur. no.3:87-88 '59. (MIRA 12:6)
(ASCARIDS AND ASCARIASIS) (OXYGEN--THERAPEUTIC USE)

MINOV, Dmitriy Konstantinovich; SHTERTSER, O.N., kand.tekhn.nauk, dotsent,
retsenzent; KOSAREV, G.V., kand.tekhn.nauk, dotsent, retsenzent;
PTITSYN, G.V., red.; BORUNOV, N.I., tekhn.red.

[Mechanical aspects of electric rolling stock] Mekhanicheskaya
chast' elektricheskogo podvizhnogo sostava; ustroistvo, teoriya,
proektirovaniye. Moskva, Gos.energ.izd-vo, 1959. 381 p.
(MIRA 12:9)

1. Leningradskiy politekhnicheskii institut (for Shtertser).
2. Moskovskiy energeticheskii institut im. Molotova (for Kosarev).
(Electric railroads--Rolling stock) (Streetcars)
(Trolleybuses)

CATEGORY : General Problems of Pathology. Immunity

ABS. JOUR. : RZBiol., No. 12 1958, No. 56205

AUTHOR : Shterts', Ya.

INST. :

TITLE : Prolonged Immunization. Changes in the Formation of Antibodies, in the Leukocytic Reaction, and in the Febrile Reaction

ORIG. PUB. : Folia Biol., 1956, Vol.2, No.3, 129-140

ABSTRACT : In animals (rats and rabbits) in which suppression of the formation of antibodies was achieved by daily injections, over a period of 5 months, of *Salmonella paratyphi B.*, the protective reactions (leukocytic reaction, cytologic changes of the peritoneal exudate, fluctuations in titer) did not change. Inhibition of the formation of antibodies (IFA) depended on the immunologic sensitivity of the animal, the amount of antigen, and the site of injection of it. The author considers the IFA in prolonged immunization as an adaptive phenomenon, since increasing the dose of antigen removed the IFA.

CARD:

1/1

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"...and the... of formation of ..."

presented in the 1941-1942 edition of *English Literature in America*, 1942.

SHTERTSL', Ya., FRANEK, F.; RZHIGA, I., KOSTKA, Y.; LANTS, A.

Genesis and properties of nonantigenic -globulin in newborn animals; first appearance of natural antibodies and their relation to bactericidal properties of the serum. Zhur.mikrobiol., epid.i immun. 33 no.8:60-68 Ag '62. (MIRA 15:10)

1. Iz Biologicheskogo instituta Chekhoslovatskoy akademii nauk, Praga.

(GAMMA GLOBULIN) (INFANTS (NEWBORN))

SHTESS, A.P.

Pathogenesis and clinical aspects of brain contusion. Trudy Inst.
kraev.pat. AN Kazakh,SSR 1:74-84 '52. (MLRA 10:2)
(BRAIN--WOUNDS AND INJURIES)

SHTESS, A.P.

Pathogenesis and clinical aspects of brain concussion. Trudy Inst.
kraev.pat. AN Kazakh.SSR 1:85-100 '52. (MLRA 10:2)
(BRAIN—CONCUSSIONS)

SHTESSEL', T.A.

"Précis of toxicology" [in French] by René Farbe [chlen Spetsialnoy
Akademii meditsinskikh nauk i dekan farmatsevticheskogo fakul'teta
Parizhskogo universiteta] and René Truhaut [prof.farmatsevticheskogo
fakul'teta Parizhskogo universiteta]. Reviewed by T.A. Shtessel'.
Farm. i toks. 25 no.2:242-244 Mr-Apr '62. (MIRA 15:6)

(TOXICOLOGY)

(FARBE, RENÉ)

(TRUHAUT, RENÉ)

SHTETS, K.A., kand. tekhn. nauk, dotsent

Productive capacity of metallurgical enterprises and basic
principles for their determination. Izv. vys. ucheb. zav.;
chern. met. no.12:101-108 D '58. (MIRA 12:3)

1. Khar'kovskiy inzhenerno-ekonomicheskii institut.
(Metallurgical plants)

KOSTYUCHENKO, Yevgeniy Borisovich; ~~SHTETS, K.A.~~, dotsent, otv.red.;
BAZILYANSKAYA, I.L., red.; TROFIMENKO, A.S., tekhred.

[Conditions for high speed dephosphorization of metal by slag]
Usloviia sverkhkorostnogo obesfosforivaniia metalla shlakom.
Khar'kov, Izd-vo Khar'kovskogo gos.univ.im.A.M.Gor'kogo, 1960.
107 p. (MIRA 14:4)

(Steel--Metallurgy)

SHTETS, Konstantin Aleksandrovich, dotsent, kand.tekhn.nauk; LIBERMAN, Lazar' Moiseyevich, dotsent, kand.tekhn.nauk; SAMET, Ioel' Markovich, dotsent, kand.ekonom.nauk; CHUMACHENKO, T.I., red.; SHAFETA, S.M., tekhn.red.

[Industrial organization and planning in steel plants]
Organizatsiia i planirovanie proizvodstva na metallurgicheskikh
predpriiatiakh. Kiev, Gos.izd-vo tekhn.lit-ry USSR, 1961.
693 p. (MIRA 15:5)
(Iron industry) (Steel industry)

S/044/62/000/000/000
B168/B112

AUTHORS: Shtets, K. A., Liberman, L. M., Volovel'skaya, S. N.

TITLE:

Application of methods of mathematical analysis in the automation of control of metallurgical production

PERIODICAL:

Referativnyy zhurnal. Matematika, no. 6, 1962, 16, abstract 6V84 (Tr. Khar'kovsk. inzh.-ekon. in-ta, v. 11, 1961, 5-41)

TEXT: Having noted that further development of the metallurgical industry will necessitate automation of the control of the production process, which in turn will demand precise planning and strict allowance for the influence of various factors on the process, the authors investigate the influence of certain essential technological factors on the length of individual smelting times in open-hearth furnaces. The dependence of the smelting time on each of the factors is determined by means of a twin linear regression, and then its dependence on all the factors in question is determined by means of a multiple linear regression. Many numerical calculations are carried out, and nomograms are given for the finishing time in terms of three technological factors for one type of furnace and of

Car

Card 1/2

BEL'GOL'SKIY, Boris Petrovich; GLIKMAN Ermanuil Solomonovich;
MEDVEDEV, Ivan Alekseyevich; SHTETS, K.A., dots., retsenzent;
LIBERMAN, L.M., dots., retsenzent; YEMEL'YANOV, A.V., kand.
ekon. nauk, otv. red.

[Production standards in metallurgy] Tekhnicheskoe normiro-
vanie v metallurgicheskoi promyshlennosti. Khar'kov, Izd-
vo Khar'kovskogo univ., 1963. 194 p. (MIRA 17:8)

SHTETS, K.A.; SAMET, I.M.; CHESAK, V.N.

Economic efficiency of the automatic control of open-hearth
furnace plants. Izv. vys. ucheb. zav.; chern. met. 6 no.8:
185-191 '63. (MIRA 16:11)

1. Khar'kovskiy inzhenerno-ekonomicheskii institut.

CHET'KO, K.A.: SAMET, I.N.; CHESAK, V.N.

Optimum campaign length of an open-hearth furnace. Izv. vys.
ucheb. zav.; chern. met. 7 no.8:208-212 '64. (MIRA 17:9)

1. Khar'kovskiy inzhenerno-ekonomicheskii institut.

SHTETS, K.A.

Mathematic modeling of open-hearth smelting. Calculation of the duration of the process. Izv. vys. ucheb. zav.; chern. met. 7 no.10:189-195 '64.
(MIRA 17:11)

1. Khar'kovskiy inzhenerno-ekonomicheskoy institut.

SHTETS, K.I.; KOZHEVNIKOV, V.A.

Calculating the optimum loading of rolling mills by the linear programming method. Izv.vys.ucheb.zav.; Chern.met. 8 no.8:182-189 '65.
(MIRA 18:8)

1. Khar'kovskiy inzhenerno-ekonomicheskiy institut.

SHTEVIK,

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of Inorganic
Substances.

E-2

Abs Jour : Ref Zhur - Khim., No 7, 1958, No 21212 K

Author : El'ish, Shtevik, Zagradnik

Inst : Not given

Title : Chemical Analysis of Mineral Raw Materials. Issue 12.
Differential Thermal Analysis.

Orig Pub : Praha, CSAV, 1957, 154 s., il., 7.54 Kcs.

Abstract : Not given.

Cord : 1/1

1. SHTEVNS, K.A.
2. USSR (600)
4. Comets
7. Problem of the origin of long-period comets, Astron.zhur. 30 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

SHTEYUK, I.I.; DERBAKOV, I.G., starshiy inzh.

From experience in the operation of the equipment of wire broadcasting networks. Vest. svyazi 21 no.12:22-23 D '61. (MIRA 14:12)

1. Nachal'nik Rzhskoy gorodskoy radiotranslyatsionnoy seti.
(Wire broadcasting)

BANGERTER, A., prof.; SHTEYDELE, M., doktor

When and what? Treatment of amblyopia in practice. Uch.zap. GNI
glaz.bol. no.7:175-182 '62. (MIRA 16:5)

1. Iz Fleoptiko-ortopticheskoy shkoly v Sant-Gallene, Shveytsariya.
(AMBLYOPIA)

SHTHEYERT, L.
USSR/Electronics

Card 1/1

Authors : Kostandi, G., Levenstern, I. and Shteyert, L.

Title : Devices for Tuning Ultrashort-Wave Receivers

Periodical : Radio. 5, 57 - 61, May 1954

Abstract : The article describes several instruments used for regulating or tuning ultrashort-wave receiver units, and radio-outlet point adapters. The following equipment is described and the related circuit diagrams are shown: 1) a quartz oscillator for medium-frequency wave control; 2) an ultrashort-wave quartz oscillator; 3) a wide-band USW amplifier, and 4) a USW piezoelectric oscillator. The article also gives the description and the block diagram of the distribution network, indicating the position of points to be tested and tuned. Diagrams; tables.

Institution :

Submitted :

SHTEYERT, L.

USSR/Electronics - Signal generators

Card 1/1 Pub. 89 - 25/27

Authors : Kostandi, G., and Shteyert, L.

Title : Universal UHF AM/FM signal generator

Periodical : Radio 8, 57-59, Aug 1955

Abstract : Description is given of a simple and sufficiently compact UHF signal generator which permits tuning and control of the UHF channel of combination radio receivers and the audio channel of TV-sets. The principle circuit diagram, parts arrangement and mode of operation of the universal UHF AM and FM signal generator are described. Table; diagram; illustrations.

Institution :

Submitted :

CHTEYKOT, Lev Alekseyevich; GINSBURG, Z.B., redaktor; VORONIN, K.P.,
technicheskiy redaktor

[Amateur's socket-powered receiver with ultrashortwave band]
Limbitel'skii setevoy priemnik s UKV diapazonom. Moskva, Gos.
energ. izd-vo, 1957. 15 p. (Massovaya radiobiblioteka, no.270)
(MLA: 10:10)

(Radio--Receivers and reception)

SHTEYGEL'BERG, YE. YA.

36745. SHTEYGEL'BERG, YE. YA. i EKKEL', B. YE. K voprosu opiedeleniya stepeni
dissol'siatsii adsorbtsion'nogo kompleksa v sisteme glina--voda po teplote
smachivaniya. Trudy Kiyevsk, Tekhnol. in-ta silikatov, T. II, 1949, c. 46-53,
----Bibliogr: 14 nazv.

SO: Letopis' Ahtural'nykh Statey, Vol. 50, Moskva, 1949

MORACHEVSKIY, I.I.; SHTYKEL'BERG, Ye.Ya.; CHERNOGORENKO, V.B.;
KIRDO, M.A.

Relation between the heat of wetting, the bound water content,
the hygroscopicity, and the ion exchange capacity of clays.
Koll.shur. 22 no.3:340-343 My-Je '60. (MIRA 13:7)

1. Nauchno-issledovatel'skiy institut stroitel'nykh materialov
i izdeliy, Kiev.
(Clay) (Heat of wetting) (Ion exchange)

RESHETOV, K.A., inzhener-kapitan; ZHUKOV, Ya.S., inzhener-mayor; GLAZ-
KOV, G.P., inzhener-kapitan; ZERNOV, A.G., inzhener; ~~SHUTYMAN~~,
A.B. podpolkovnik, redaktor; YEREMEYEVA, Ye.N., tekhnicheskii re-
daktor.

[The PK-30, R-20-M and R-60-M medium field telephone switchboards]
Polevye telefonnye kommutatory srednei emkosti PK-30, R-20-M, P-60-M.
Moskva, Voen. izd-vo Ministerstva Vooruzhennykh Sil SSSR, 1946. 142 p.
(MIRA 8:2)

1. Russia (1923- U.S.S.R.) Armiya. Upravleniye boyevoy podgotovki
voysk svyazi sukhoputnykh voysk.
(Telephone switchboards)

SHTEYMAN, G.I.

A specific recurrent pain syndrome. Zhur. nevr. i psikh. 59 no.1:
54-57 '59. (MIRA 12:3)

1. Mediko-sanitarnaya chast' (glavnyy vrach A.M. Frid) staleprokatnogo
zavoda, Leningrad.
(PAIN, case reports,
familial recur. pain synd. (Rus))

SHTEYMAN, G.I.

Nervous system diseases in lupus erythematosus. Och.klin.nevr.
no.1:164-172 '62. (MIRA 15:9)
(LUPUS ERYTHEMATOSUS) (NERVOUS SYSTEM--DISEASES)

CHTEYMAN, G.I.

Changes in the bioelectric activity of the brain in lupus erythematosus. Vest. dermat. i ven. no.1:3-9 '65.

(MIRA 18:10)

1. Klinika nervnykh bolezney (ispolnyayushchiy obyazannosti zaveduyushchego kafedroy - prof. V.S. Semenova-Tyan'-Shanskaya) Leningradskogo instituta usovershenstvovaniya vrachey imeni Kirova.

SHTEYMAN, G.S.

Short-period Cepheids UY and DM Cygni. Per.zvezdy 12 no.2:
128-131 N '57. (MIRA 13:4)

1. Odesskaya astronomicheskaya observatoriya.
(Cepheids)

SHUEYMAN, G.

Photographic observations of 11 Cepheids in Lyra. Astron. tsir. no.182:
11-12 Je '57. (MIRA 11:3)

1. Odesskaya astronomicheskaya observatoriya.
(Cepheids)

SHTEYMAN, G.

Eclipsing variable TY Pegasi. Astron.tsir. no.185:22 0 '57.
(MIRA 11:4)

1.Odesskaya astronomicheskaya observatoriya.
(Stars, Variable)

SHTHEYMAN, G.S.

Ten long-period Cepheids in Cygnus. Per.zvezdy 12 no.5:337-352 N '58.
(MIRA 13:9)

1. Odesskaya astronomicheskaya observatoriya.
(Cepheids)

SOV/35-59-8-6254

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959,
Nr 8, p 22

AUTHOR: Shteyman, G.S.

TITLE: On Seven Variable Stars [✓] of the RR Lyrae Type

PERIODICAL: Astron. tsirkulyar, 1958, March 27, Nr 190, pp 23 - 24

ABSTRACT: The moments of maxima, E and O-C are given for seven stars of
the RR Lyr type (CY Aqu, BN Aqu, AA Aqu, TW Her, AV Peg, DY
Peg, AR Per), observed by the author using a 6" refractor of
the Odessa Observatory station. ✓

Card 1/1

22(3)

SOV/84-59-9-24/66

AUTHOR: Shteyman, M., Engineer

TITLE: A New Link Trainer

PERIODICAL: Grazhdanskaya aviatsiya, 1959, Nr 9, p 17 (USSR)

ABSTRACT: The article contains a general description of a new link trainer for pilots of Il-14 aircraft, which is being prepared for serial production. Its size and equipment are identical with those of actual aircraft. The trainer has a wide range of training capabilities and can simulate almost any situation likely to occur during a flight, including the landing approach by the OSP and SP-50 methods. The duplicate instruments on the instructor's control panel outside the trainer enable the instructor to have a group of students around, for them to watch the performance of the trainee and learn from it. The new trainer is said to work quite satisfactorily. There are 2 photographs. ✓

Card 1/1

SHEYMAN, R.; TRUSHINA, I., mladshiy nauchnyy sotrudnik

Make wider use of semiprocessed fishery products. Obshchestv.pit.
no.1:5-7 Ja '62. (MIRA 15:4)

1. Nauchno-issledovatel'skiy institut trgovli i obshchestvennogo
pitaniya (for Trushina).
(Fishery products)

SHEYMAN, R.A.

Trofimova, V.I. and Shteyman, R.A. "The problem of the supply of beef products to public cafeterias, (Packing and storage)," Sbornik nauch. rabot (Nauch.-issld. in-t trgovli i obshchestv. pitaniya), Moscow, 1949, p. 172-80

SC: U-5241, 17 December 1953, (Lepotis 'zhurnal 'nykh Statey, No. 26, 1949).

ABATUROV, P.V.; GROZNOV, S.R.; GANETSKIY, I.D.; KOZYREVA, Ye.A.;
NOVITSKAYA, L.A.; ODINTSOV, A.I.; PROTOPOPOV, S.I.; SIDOROV,
V.A.; SIDOROVA, L.I.; TROFIMOVA, V.I.; TRUSHINA, I.V.; SHTEYMAN,
R.A.; DUNTSOVA, K.G., red.; KAZENOVA, A.R., red.; MARSHAK, M.S.,
prof., red.; MOLCHANOVA, O.P., prof., red.; SALOMATINA, K.Z.,
red.; KAGANOVA, A.A., red.; MEDRISH, D.M., tekhn. red.

[Dietetic cookery in eating establishments] Dieticheskoe pitanie v
stolovykh; sbornik retseptur i tekhnologiya prigotovleniya blud.
Moskva, Gos.izd-vo torg.lit-ry, 1962. 262 p. (MIRA 16:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo torgovli.
(~~COOKERY FOR THE STON~~)

ALEKSEYEV, V.F.; BERZHBITSKIY, V.V.; GAYSINSKIY, A.Ya.; MGALOBlishvili, N.M.; TROFIKOVA, V.I.; SHTEYMAN, R.A.; OLTARZHEVSKIY, V.K., doktor arkh., zasl. deyatel' iskusstv, nauchnyy red.; VORONINA, T.V., red.; GOVALOV, O.V., red.; TEMKINA, Ye.L., red.

[Public eating places] Predpriyatia obshchestvennogo pitaniya; posobie po proektirovaniyu. Moskva, Gosstroizdat, 1963. 266 p.
(MIRA 16:5)

1. Akademiya stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdaniy.
(Restaurants, lunchrooms, etc.--Design and construction)

SHTEYMAN, S. I.

23504

VOZMOZHNCSTI RAZVITIYA PRODUKTIVNOGO ZHIVOTNOVODSTVA. SCV.
ZOOTEKHNIYA 1949, NO. 2., G. 37-41.

SO: LETOPIS' NO. 31, 1949

SHLEYMAN, STANISLAV IVANOVICH.

Sovershenstovovaniye Molochnogo Stada. (Improvement of
Dairy Herds) 1zd. 2. Dopol. Moskva, Sel'khozgis, 1950.
102 P. Illus., Tables.

So: N/5
727.1
.S5
1950

SELYAN, S. I., Hero of Socialist Labor, Laureate of the Stalin Prize
Kudryavtsev, A. A., Professor, Doctor of Biological Sciences
Alikayev, V. A., Candidate of Veterinary Sciences
Kuz'michev, A. V.

"Increasing the Vitality of Calves in Highly-Productive Herds"

SO: Dostizheniya Nauk i Peredovoy Praktiki, No. 2: 1/-21, Feb. 1951, Uncl.

SHEYMAN, Stanislav Ivanovich, doktor sel'skokhozyaystvennykh nauk, Geroy
Sotsialisticheskogo Truda.

A guarantee of success. IU nat. no.6:28-30 Je '58.
(MIRA 12:12)
(Dairy cattle) (Cold--Physiological effect)

SHTHEYMAN, S.I., glavnyy zootekhnik, Geroy Sotsialisticheskogo Truda;
~~MITROPOL'SKAYA~~, A.D., zootekhnik-seleksioner, Geroy Sotsialisticheskogo Truda

Methods for the improvement of dairy herds. Zhivotnovodstvo 21
no.5:64-71 My '59. (MIRA 12:7)

1. Plemsovkhoz "Karavoyevo" (for Shteyman).
(Dairy cattle breeding)

SHTEYMAN, S., Geroy Sotsialisticheskogo Truda

State farm serving as an institute. Sov.profsoluzy 16 no.13:30-32
Jl '60. (MIRA 13:8)

1. Glavnyy zootekhnik Kostromskogo uchebnogo khozyaystva
"Karavayevo."
(Agriculture--Study and teaching)
(State farms)

L 14413-63 EPR/EPA(b)/EPF(c)/EPF(n)-2/EWT(1)/BDS AEDC/AFFTC/AFMDC/ASD/
SSD Pd-4/Pr-4/Pu-4/Ps-4 WW
ACCESSION NR: AP3004738 S/0170/63/006/008/0041/0044

AUTHOR: Fedoseyev, D. V.; Shteyman, S. V.

TITLE: Flow with friction and heat transfer in a conical nozzle

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 6, no. 8, 1963, 41-44

TOPIC TAGS: conical nozzle, heat transfer, supersonic flow, stagnation temperature, stagnation pressure

ABSTRACT: An analysis of supersonic flow in a conical nozzle is made which takes into account both friction and heat transfer. The flow is assumed to be one-dimensional; i.e., the value of the tangent of the angle of inclination of the nozzle contour is small, and the stagnation-temperature recovery factor in the boundary layer is assumed to be unity. Equations of motion, continuity, and heat transfer are used as the basis for establishing formulas for calculating the flow parameters at any cross section, i.e., velocity, pressure, density, temperature, impulse, and stagnation-pressure recovery factor. Orig. art. has: 11 formulas.

ASSOCIATION: none

Card 1/2/

USSR / Cultivated Plants. Subtropical and Tropical M-6
Plants.

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73200.

Author : Shteyman, U. G.
Inst : All-Union Scientific-Research Institute of Tea and
Subtropical Plants.
Title : Care of Soil Between the Rows of Young Tea Plants
in Krasnodarskiy Kray and Methods of Increasing
Plant Feeding.

Orig Pub: Byul. Vses. n.-1. in-ta chaya i subtrop. kul'tur,
1955, No 2, 23-34.

Abstract: Experiments conducted in 1952-1955 in the "Dagomys"
Sovkhoz showed that for young tea plantations, a
system of organic-mineral fertilizer with autumn-
winter sideral fertilizers planted between the
rows proved to be the most effective. The most

Card 1/2

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SHTEYMAN, Ye.A.; DOBRYNINA, Z.G.; MORDOVSKAYA, Ye.A.

Complexometric determinatio. of bismuth and lead in the presence
of tin. Zav. lab. 30 no.10:1200-1201 '64. (MIRA 13:4)

SHTETMAN, E. B.

Author: Slavin, D. O. and Shteiman, E. B.

Title: Metals and Alloys in the Construction of Chemical Machines and Apparatus. Handbook.
462 ppl, illus., bibliography

Date: 1951. Moscow

Subject: 1. Metallography. 2. Chemical Apparatus. 3. Chemical Engineering--Apparatus
and supplies.

Available: Library of Congress, Call No: IP157.S55

Source: Lib. of Cong. Subj. Cat., 1951

SYCHEV, Aleksey Yakovlevich, professor, doktor ekonomicheskikh nauk;
DUMLER, Sergey Avgustovich, inzhener; SIVKOV, Viktor Mikhaylovich;
UMANSKAYA, M.M., inzhener, redaktor; GORELIK, I.G., kandidat
ekonomicheskikh nauk, redaktor; BOGOMOLOV, V.I., inzhener; KAR-
CHEVSKIY, V.A., inzhener, redaktor; PEKELIS, I.B.; POLYAKOV, S.A.,
inzhener; SHTEYMBERG, Ye.S.; CHURILOVICH, L.M.; AVRUTSKAYA, R.F.,
redaktor; EVERTON, I.M., tekhnicheskii redaktor.

[The economics of non-ferrous metallurgy] Ekonomika tsvetnoi me-
tallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i
tsvetnoi metallurgii, 1954. 291 p. (MLRA 8:2)
(Nonferrous metals--Metallurgy) (Metal industries)

VORONISOV, G., inzh.; SHTEYN, A., inzh.

"El'fa-17" and "Gintaras." Radio no.6:29-32 Je '61. (MIRA 14:10)
(Magnetic recorders and recording)

Shtern, A.A.

2275L. Shtern, A.A.

Lecheniye probodayushikh yazv u leproznykh bolnykh transzhuziyami getsu-krovi.
Zdravookhranenie sov. latvii. sb. 3, 1949, c. 44-52 - rezyume na latysh. yaz.

LC: LETCPIS' No. 30, 1949

SHTeyN, A.A., professor, direktor; KUZMBENKO, L.N., professor, direktor.

History of leprelogy in Russia; effect of suggestion on the course of leprosy. Vest.ven.i derm. no.2:50-51 Mr-Apr '53... (MLRA 6:5)

1. Klinika kozhaykh i venericheskikh bolezney L'vovskogo meditsinskogo instituta (for Shteyn). 2. L'vovskiy meditsinskii institut (for Kuzmenko). (Leprosy) - (Sobolev, Leonid Vasil'yevich, 1876-1919) (Hypnotism--Therapeutic use)

TORSUYEV, N.A., professor [author]; SHTEYN, A.A., professor [reviewer].

"Leprosy." N.A.Torsuev. Reviewed by A.A.Shtein. Vest.ven.iderm. no.4:57-59
Jl-Ag '53. (MLRA 6:9)

(Leprosy) (Torsuev, N.A.)

USSR/General Problems of Pathology. Pathophysiology of
Infection.

U

Abs Jour: Ref Zhur-Biol., No 8, 1958, 37102

Author : ~~Shtern~~, A.A., Zelikova, R.L., Podusovski, V.F.

Inst :

Title : The Effect of Disturbances of Innervation and Function
of the Testicle on the Development of Experimental
Leprosy in Rats.

Orig Pub: Zh. microbiol. epidemol. i immunobiologii, 1956 (1957)
prilozhenie, 31.

Abstract: The nerve, innervating the seminal vesicles (S) and
seminal ducts, was sectioned in 12 rats. An emulsion
of a rat leprosa was injected 2 weeks later in both
S. The denervated S rapidly increased in size within
1½-2 months. Smears of the internal organs demon-

Card : 1/2

process in the or-
cess.

SHTEYN, A.A.; ZELIKOVA, R.L.; PODUSOVSKIY, V.F.

Effect of disturbance of the innervation and function of the testicle
on the development of experimental leprosy in rats. Zhur. mikrobiol.
i immun., supplement for 1956:31 '57 (MIRA 11:3)

1. Iz L'vovskogo kozhno-venerologicheskogo instituta.
(LEPROSY) (TESTICLE)

Shteyn, A.A.
USSR / Microbiology. Microbes Pathogenic to Humans and
Animals.

F-3

Abs Jour : Ref Zhur - Biol., No 2, 1958, No 5282

Author : Shteyn, A.A., Tutkevich, L.M.

Inst : Not given

Title : New Method of Detecting Leprosy Bacilli in Circulating
Blood.

Orig Pub : V sb.: Sovrem. vopr. dermatol. Kiev, Gosmedizdat USSR, 1957,
184-186

Abstract : A method of "thick drop" is used; the staining method differs
from the commonly accepted Ziehl-Neelsen method by the absence
of discoloration with H_2SO_4 and use of an alcoholic, not a-
queous, solution for additional coloration. From blood taken
by syringe from the veins of 59 patients of the lepromatose
type of leprosy, 226 "thick drops" were prepared; in 115 of
them (50.8%) leprosy bacilli were found.

Card : 1/1

USSR / Human and Animal Physiology. Skin.

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70638

Author : Shtoyan, A. A.; Linetskiy, G. S.

Inst : Not given

Title : Changes in Cold Reception of the Skin in the Dynamic of the Eczematous Process

Orig Pub : Vestn. Dermatol. i Venerol., 1957, No 4, 8-11

Abstract : In 40 patients with eczema, dynamic studies were carried out on the cold sensitivity of affected and clinically healthy skin (sensation of cold upon the application of wires of one mm diameter to the skin, with the wires at a temperature of zero degrees C). The ratio between the number of cold points in damaged and healthy skin varied widely. In the acute stages of eczema and during relapses, as a rule, the number of cold points in eczematous foci was reduced. In the process of development of

Card 1/2

SHTEYN, A.A., prof.

"Skin and venereal diseases" by M.M. Zheltakov. Reviewed by A.A. Shtein.
Sov.med. 22 no.8:151-153 Ag '58 (MIRA 11:10)

(SKIN--DISEASES)

(VENEREAL DISEASES)

(ZHELTAKOV, M.M.)

SHTEYN, Aleksandr Aleksandrovich

[Differential diagnosis of skin diseases; in 386 tables]
Differentsial'naya diagnostika zabolevaniy kozhi; v 383
tablitsakh. Kiev, Gosmed.izd-vo USSR, 1959. 251 p.

(MIRA 13:8)

(SKIN--DISEASES)

SHTEYN, A.A., prof. (L'vov)

"Juglone and its use in medicine and veterinary practice" by V.M.
Borzov, L.N.Aizenberg, A.G.Mezhevalova. Reviewed by A.A.Shtein.
Zdravookhranenie 2 no.4:59-61 JI-Ag '59. (MIRA 14:6)
(JUGLONE) (BORZOV, V.M.) (AIZENBERG, A.G.)
(MEZHEVALOVA, A.G.)

SHTEYN, A.A.

"Concise handbook on leprosy control" by H.A. Torsuev, A.A. Anton'ev.
Reviewed by A.A. Shtein. Vest. dermat. i ven. 33 no.2:87 Mr-Apr '59.

(LEPROSY) (TORSUEV, N.A.) (ANTON'EV, A.A.) (MIRA 12:7)

SHTEYN, A.A., prof.; DOVZHANSKIY, S.I.

New antibiotic colimycin in the therapy of chronic diffuse streptostaphyloderma. Vest.derm. i ven. 33 no.4:16-17 J1-Ag '59.

(MIRA 12:11)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. - prof. A.A. Shteyn) L'vovskogo gosudarstvennogo meditsinskogo instituta (dir. - prof. L.N. Kuzmenko).

(SKIN DISEASES, therapy)

(ANTIBIOTICS, therapy)

ZADOROZHNYI, B.A., dots., otv. red.; VEYNEROV, I.B., prof., ~~zam.~~ otv. red.; BRAILOVSKIY, A.Ya., kand. med. nauk, red.; BAZYKA, A.P., red., st. nauchnyy sotr.; BOGDANOVICH, S.N., dots., red.; GRZHEBIN, Z.N., prof., red.; POPOV, I.S., prof., red.; POTOTSKIY, I.I., prof., red.; SHTEYN, A.A., prof., red.; GITSHTEYN, A.D., tekhn. red.

[Transactions of the Second Congress of Dermatovenereologists of the Ukrainian S.S.R.] Trudy S"ezda dermato-venerologov Ukrainskoi SSR. 2d, Kharkov, 1959. Kiev, Gos. med. izd-vo USSR, 1960. 475 p. (MIRA 15:4)

1. S"ezd dermato-venerologov Ukrainskoy SSR. 2d, Kharkov, 1959.
(SKIN—DISEASES) (VENERAL DISEASES)

SHTEYN, A., professor

"Treatment of syphilis without arsenic" by S.S. Gorbulev. Reviewed
by A. Stein. Zdrav. Belor. 6 no. 5:73-74 My '60. (MIRA 13:10)

1. L'vovskiy meditsinskiy institut..
(SYPHILIS)

(GORBULEV, S.S.)

SHTEYN, A. A., prof.

Number of cold spots on the human skin. Vest. derm. i ven. 34 no.1:
7-10 Ja '60. (MIRA 14:12)

1. Iz kafedry kozhnykh i venericheskikh bolezney (zav. -- prof.
A. A. Shteyn) L'vovskogo meditsinskogo instituta (dir. prof. --
L. N. Kuzmenko).

(SKIN--INNERVATION) (SENSE AND SENSATION)

SHTEYN, A.A., prof.

Concepts of Selye (stress, general adaptation syndrome, adaptation disease); a survey. Vest.derm.i ven. no.12:22-29 '61. (MIRA 15:1)

1. Iz kafedry kozhnykh bolezney (zav. - prof. A.A. Shteyn)
L'vovskogo meditsinskogo instituta (dir. - prof. L.N. Kuzn~~e~~nko).
(STRESS (PHYSIOLOGY)) (ADAPTATION (BIOLOGY))
(SELYE, HANS, 1907-)

SHTEYN, A.A., prof.; DOVZHANSKIY, S.I.

Clinical bacteriological evaluation of the effectiveness of
erythromycin in chronic diffuse strepto-staphylo-derma. Vest.
derm.i ven. no.8:35-39 '62. (MIRA 15:9)

1. Iz kafedry kozhnykh bolezney (zav. - prof. A.A. Shteyn)
L'vovskogo meditsinskogo instituta.
(ERYTHROMYCIN) (STAPHYLOCOCCAL DISEASE)
(STREPTOCOCCAL INFECTIONS)

SHTEYN, A.A., prof.; POLYASHOVA, T.I.

Leucocytic reaction as a prognostic index of the effectiveness
of autohemotherapy. Vrach.delo no.12:79-81 D '62.

(MIRA 15:12)

1. Kafedra kozhnykh bolezney (zav. - prof. A.A.Shteyn)
L'vovskogo meditsinskogo instituta i L'vovskiy oblastnoy
protivovenerologicheskoy dispanser.

(LEUCOCYTES)

(BLOOD AS FOOD OR MEDICINE)

S/068/63/000/001/001/004
E071/E136

AUTHORS: Semenova, O.A., Shteyn, A.L., Kotovich, A.T.,
and Suslov, M.P.

TITLE: Experiments on the production of sulphur free benzene

PERIODICAL: Koks i khimiya, no.1, 1963, 41-43

TEXT: In conjunction with the start of production of caprolactam on the Kemerovskiy khimicheskii kombinat (Kemerovo Chemical Combine) the coking works were to develop the production of sulphur free benzene. On the basis of laboratory work, two batches of works' benzole containing 0.098-0.116% thiophene and 0.022-0.036% carbon disulphide were washed with 95% sulphuric acid (two washes), then with alkali and batch distilled. The yield on the initial benzole fraction was: sulphur free benzene 75.6%, nitration benzene 14.5%. Wash losses - 9%, distillation losses - 0.9%. Consumption of acid 287 kg/ton and of alkali 12.4/t of the benzole fraction. Laboratory tests on the purification of benzole from thiophene by its copolymerization with unsaturated compounds present in heavy benzole indicated that only low sulphur benzene can be obtained by this method. The removal of thiophene by

Card 1/2

Experiments on the production of ...

S/068/63/000/001/001/004
L071/E136

washing with sulphuric acid with addition of cyclohexene (by-product in the production of caprolactam) was tried on a laboratory scale with satisfactory results. Using 20% of sulphuric acid and 1.85% of cyclohexene, practically complete removal of thiophene was obtained after 10 minutes of stirring. It is considered that rectification is the most rational method of removal of carbon disulphide. There are 4 tables.

ASSOCIATION: Kemerovskiy koksokhimicheskiy zavod
(Kemerovo Coking Works)

Card 2/2

ZLATIN, L.I.; GOROVY, T.P.; SEMENOVA, O.A.; SHTEYN, A.L.

Dephenolization of industrial phenol-containing waste waters with
benzol extraction. Koks i khim. no.6:42-44 '63. (MIRA 16:9)

1. Kemerovskiy koksokhimicheskiy zavod.
(Industrial wastes--Purification) (Phenols)
(Benzene)

ROYZEN, Semen Semenovich; SHTEYN, Isaak Maksimovich; KIBLITSKIY,
Vladimir Abramovich; KHECHUMYAN, A.P., red.; LARIONOV,
G.Ye., tekhn. red.

[Automatic control and precise angular velocity measurement
of the electric drives of continuous rolling mills] Avtoma-
ticheskoe regulirovanie i tochnoe izmerenie skorosti elek-
trodvigatelei nepreryvnykh prokatnykh stanov. Moskva, Gos-
energoizdat, 1962. 103 p. (Biblioteka po avtomatike, no.69)
(MIRA 16:8)

(Rolling mills--Electric driving)

SHTEYN, B.B.

GAL'PERIN, Ye.R., redaktor; GODELEVICH, V.P.; YEVTYANOV, S.I., redaktor;
KRISS, P.Zh.; KUNINA, S.L.; POPOV, I.A.; SHTEYN, B.B., redaktor;
VOLKOVA, T.V., redaktor; VEYNTRAUB, L.B., ~~tekhnicheskii~~ redaktor.

[Problems on radiobroadcasting installations] Zadachnik po radio-
peredaiushchim ustroistvam. Pod red. S.I.Evtianova i E.R.Gal'perina.
Moskva, Gos. izd-vo lit-ry po voprosam svyazi i radio, 1951. 175 p.
[Microfilm] (MIRA 7:12)

(Radio--Problems, exercises, etc.)

SHTeyN, B. B.

USSR/Electronics

FD 232

Card 1/1

Author : Shteyn, B. B., Active Member, VNORiE

Title : Analysis and calculation of a wide-band phase-shifter circuit

Periodical : Radiotekhnika 9, 53-67, Mar/Apr, 1954

Abstract : Presents theoretical analysis and procedure for calculating a wide band RC phase shifter using 6Zh8 tubes. Shows the dependency of the constancy of phase difference between the output voltages on the phase shift angle and the given frequency range. This method of calculation permits the prompt determination of the degree of constancy of phase difference at given angles of phase shift and frequency range or the solution of the inverse problems. Derives formulas for calculating circuit values. Thanks Professor B. P. Terent'yev, A. A. Shenogin, and V. D. Veynshteyn for assistance. Three references: 1 USSR, 2 USA. Two references (1 USSR., 1 USA) deal with single sideband problems.

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